

AMENDMENTS TO THE CLAIMS

Please replace all prior versions, and listings, of claims with the following claims:

1-34 (Cancelled)

35. (Currently Amended) A ~~composition comprising~~ cleaning solution consisting essentially of:

(a) at least one long chain alkyl polyamine of the formula:



wherein R is a linear or branched alkyl amine chain comprising 10 to 14 carbon atoms;

~~wherein the composition comprises up to 30 vol. % of the at least one long chain alkyl polyamine;~~

(b) at least one aliphatic alcohol;

(c) iodine;

(d) at least one amphoteric surfactant; and

(e) at least one antioxidant.

14% to 16% vol. ethanol;

(e) 5% to 10% vol. n-propanol;

~~wherein the total amount of alcohol in the composition does not exceed 26% by volume; and~~

(d) iodine;

~~wherein the composition comprises up to 0.5 wt. % of the iodine.~~

36-39 (Cancelled)

40. (Currently Amended) A ~~composition~~ solution according to claim ~~35~~38, wherein R is a linear alkyl chain.

41. (Currently Amended) A ~~composition~~ solution according to claim ~~40~~38, wherein R comprises at least twelve carbon atoms.

42-53 (Cancelled)

54. (Currently Amended) A ~~composition-solution~~ according to claim 35, wherein the ~~composition-solution further~~ comprises a complexing agent adapted to form a complex with the iodinehalogen.

55. (Currently Amended) A ~~composition-solution~~ according to claim 35, wherein the ~~composition-solution further~~ comprises at least one buffering agent.

56. - 63

64. (Currently Amended) A means of destroying bacteria and/or inhibiting the ability of bacteria and/or viruses to replicate when said bacteria and/or viruses are present on a surface, the means comprising the application of a composition to said surface wherein the composition is configured to rupture the phospholipid membrane of the bacteria or virus, the composition being further configured to cleave bacterial DNA and/or substantially permanently bind to bacterial DNA and viral DNA or RNA, wherein the ~~composition-solution~~ of claim 35 is provided.

65. (Cancelled)

66. (Currently Amended) A means of inhibiting the ability of bacteria and/or viruses to replicate when said bacteria and/or viruses are present on a surface, the means comprising the application of a composition to said surface wherein the composition is configured to substantially permanently encapsulate the bacteria or virus and prevent the replication of their genetic material, wherein the ~~composition-solution~~ of claim 35 is provided.

67. (Cancelled)

68. (Currently Amended) A method for manufacturing a composition for cleaning and disinfecting wherein the method comprises:

adding at least one long-chain alkyl polyamine and at least one surfactant ~~the addition to a pH buffered solution of at least one long-chain alkyl polyamine, to which is added at least one surfactant to make an interim solution;~~

~~separate to said interim solution a premix solution containing at least ethanol, n-propanol and iodine is made; and~~

combining the interim solution and with a the premix solution are then combined,
wherein the premix solution contains iodine and at least one aliphatic alcohol,

wherein, after the combining step, the composition solution of claim 35 is provided.

69. (Currently Amended) An aqueous composition comprising the composition solution of claim 35, wherein the ratio of the composition solution of claim 35 to water is in the range of 1:1 to 1:1000 (composition solution:water).

70. (Currently Amended) The aqueous composition of claim 69, wherein the ratio of the composition solution of claim 35 to water is not greater than 1:100 (composition solution:water).

71. (Currently Amended) The aqueous composition of claim 70, wherein the ratio of the composition solution of claim 35 to water is at least 1:5 (composition solution:water).

72. (Currently Amended) The aqueous composition of claim 69, wherein the ratio of composition the solution of claim 35 to water is at about 1:9 (composition solution:water).

73. (New) The solution of claim 35, wherein $R = C_{12}$.

74. (New) The solution of claim 73, wherein the at least one aliphatic alcohol is selected from the group consisting of ethanol and n-propanol.

75. (New) The solution of claim 74, wherein the solution contains 10 - 30 vol. % of the at least one aliphatic alcohol.

76. (New) The solution of claim 75, wherein solution includes up to about 0.5 wt. % iodine.

77. (New) The solution of claim 76, wherein the solution further includes at least one wetting agent.

78. (New) The solution of claim 77, wherein the at least one the wetting agent is selected from the group consisting of polyglycol ether, a polyethylene glycol ether, and a polypropylene glycol ether.

79. (New) The solution of claim 76, further containing at least one of:

(i) a complexing agent, wherein the complexing agent is adapted to form a complex with the iodine, and;

(ii) a buffering agent.

80. (New) The solution of claim 78, further containing at least one of:

(i) a complexing agent, wherein the complexing agent is adapted to form a complex with the iodine, and;

(ii) a buffering agent.